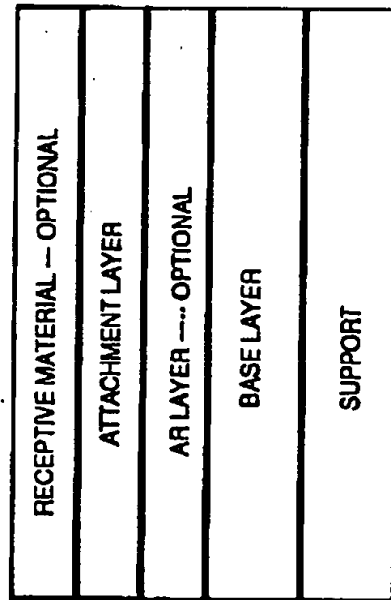


FIGURE 1
CHANNEL - CONTAINING OPTICAL DEVICE COMPONENTS



OPTICALLY FUNCTIONAL LAYER

FIGURE 2

SUPPORT FEATURES AND OPTICALLY FUNCTIONAL LAYER

FIGURE 2A:

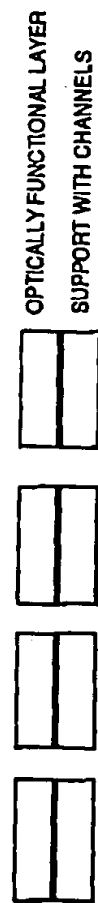


FIGURE 2B:

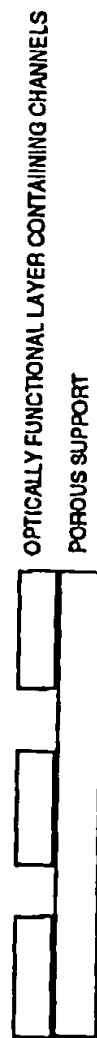
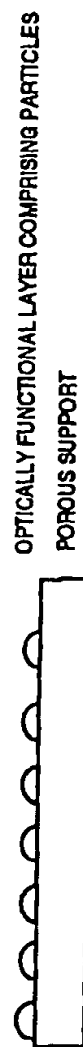
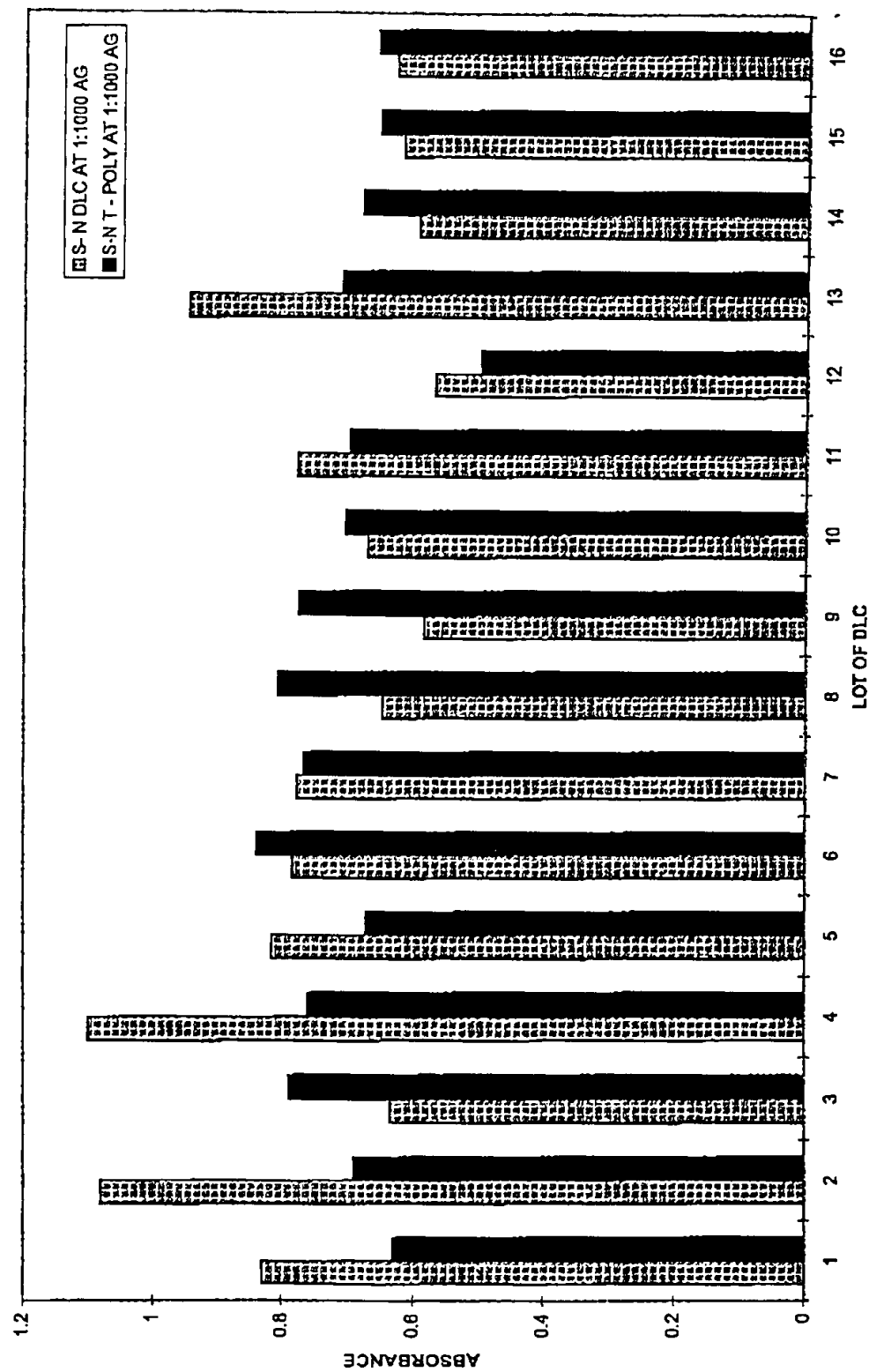


FIGURE 2C:



COMPARISON OF DLC TO T - POLYMER FOR CAPTURE OF LPS AT 1:1000 DILUTION OF LPS

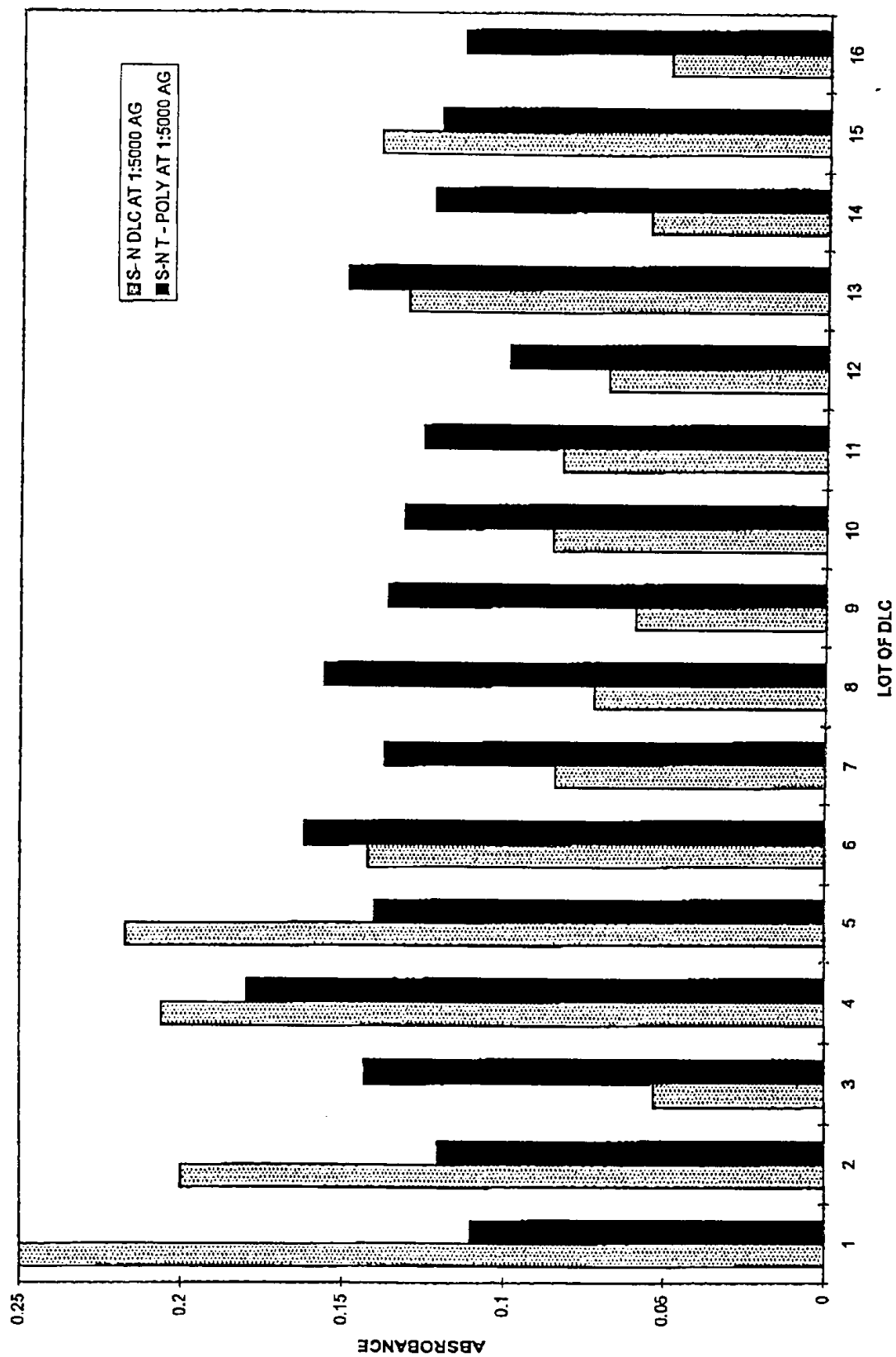
Figure 3



S - N = SIGNAL - NOISE (BACKGROUND), ABSORBANCE READING FOR TMB SUBSTRATE TURNOVER

COMPARISON OF DLC TO T - POLYMER FOR CAPTURE OF 1:5000 DILUTION OF LPS

Figure 4



S - N = SIGNAL - NOISE (BACKGROUND), ABORANCE= READING FOR TMB SUBSTRATE TURNOVER